

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q84889

Masayoshi TATEMOTO, et al.

Appln. No.: 10/518,052

Group Art Unit: 1796

Confirmation No.: 3499

Examiner: Alexander C. KOLLIAS

Filed: December 16, 2004

For: FLUOROPOLYMER DISPERSION AND PROCESS FOR PRODUCING  
FLUOROPOLYMER DISPERSION

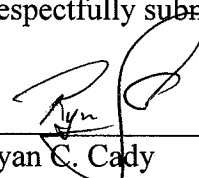
**SUBMISSION OF EXECUTED DECLARATION UNDER 37 C.F.R. §1.132**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a copy of an executed Declaration Under 37 C.F.R. §1.132 signed  
by Tadashi Ino.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: August 21, 2009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of Docket No: Q84889

Tatemoto et al.

Serial No.: 10/518,052 Art Unit: 1796

Filed : December 16, 2004

Examiner: ALEXANDER C. KOLLIAS

Title : Fluoropolymer dispersion and process for  
producing fluoropolymer dispersion

DECLARATION UNDER RULE 132

Honorable Commissioner of Patents and Trademarks,  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Tadashi Ino, a citizen of Japan and having postal  
mailing address of c/o DAIKIN INDUSTRIES, Ltd., Yodogawa  
Plant. 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585  
JAPAN, declare and say that:

In March 1986, I was graduated from Kyoto University,  
Graduate School of Engineering Department of Molecular  
Engineering and received a Master Degree in Science;

I am one of the inventors of the above-identified  
application and familiar with the subject matter thereof;  
I have read the Official Action mailed and the references  
cited therein and I am familiar with the subject matter  
thereof;

I respectfully submit herewith my exact report  
thereon.

The following experiments were conducted by me or under my direct supervision.

Figure A

Figure A is a scanning electron microscope [SEM] micrograph of the fluoropolymer solid composition illustrated in Example 5 of the specification.

Figure B

Figure B shows a shape of polymer particles obtained by emulsion polymerization of tetrafluoroethylene and  $\text{CF}_2=\text{CFOCF}_2\text{CF}_2\text{SO}_3\text{Na}$ .

The concentrated dispersion with a polymer concentration of 60%, which was obtained in Example 1B of USP7482415, was dried at 100 °C to give a translucent solid. No spherical particle was confirmed by observation of the solid under a scanning electron microscope [SEM].

Figure A

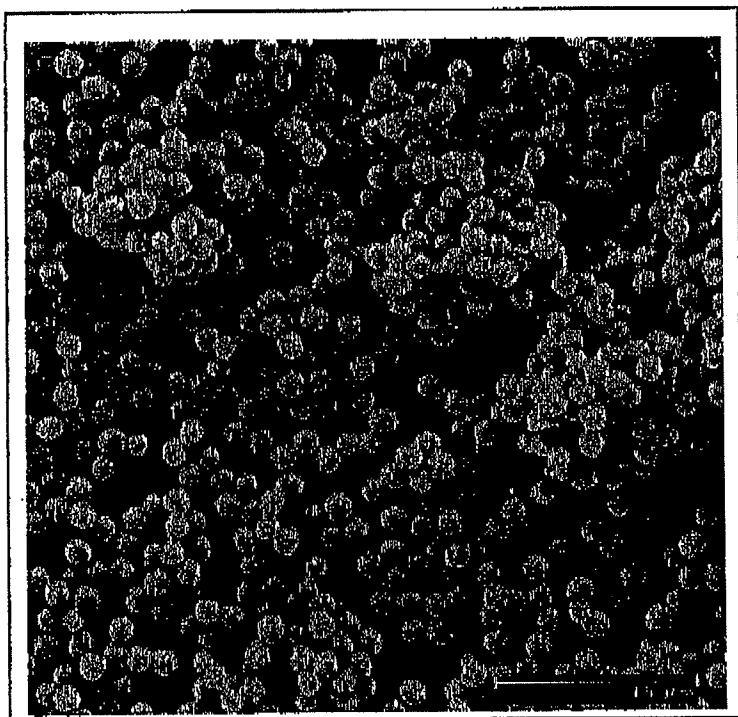
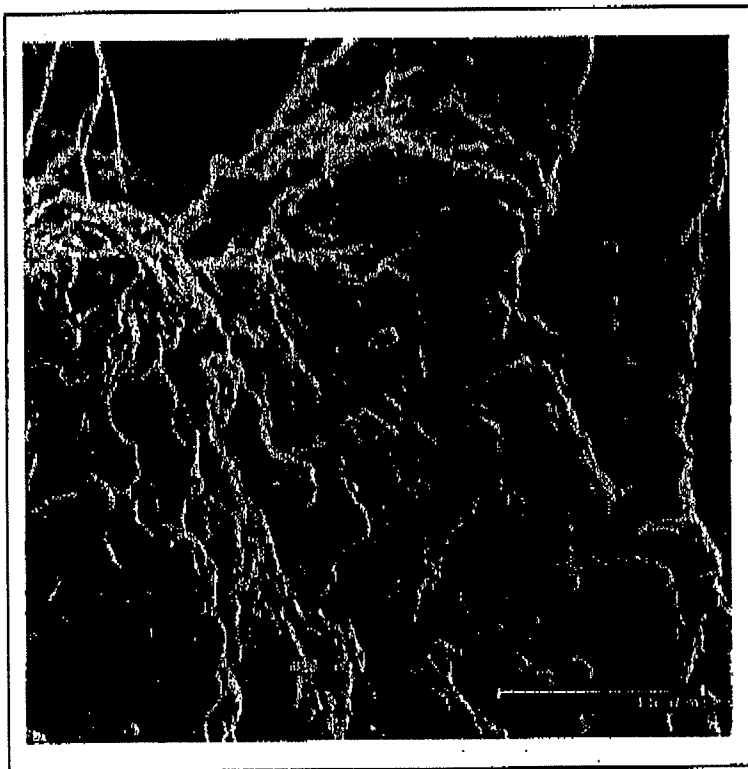


Figure B



I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signed this 28<sup>th</sup> day of *July*, 2009

*Tadashi Ino*

Tadashi Ino